



U.S. Department of Homeland Security

United States Coast Guard

Fifth Coast Guard District LOCAL NOTICE TO MARINERS

Coastal Waters From Shrewsbury River, New Jersey to Little River, South Carolina

MONTHLY EDITION

January 06, 2004

[HTTP://www.navcen.uscg.gov](http://www.navcen.uscg.gov)

The monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District. This edition should be retained as a reference for subsequently issued Weekly Supplements. The Local Notice to Mariners (LNM) is updated each Tuesday on the U.S. Coast Guard Navigation Center website at www.navcen.uscg.gov/lnm/d5. A subscription to the publication is also available. If you have questions about the LNM, contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (OAN)

431 Crawford Street, Portsmouth, Virginia, 23704-5004

Telephone (Day): 757-398-6486. 24 Hour FAX: (757) 398-6303

BROADCAST NOTICE TO MARINERS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notice to Mariners (BNM's) have been incorporated in this notice when still significant at the date of this publication.

CCGD5 (D5)	D5	500-03, 501-03, 615-03, 616-03, 617-03, 618-03, 619-03, 620-03, 621-03, 622-03.
Group Philadelphia	PH	484-03, 490-03, 491-03, 002-04.
Group Atlantic City	AC	456-03, 463-03, 464-03, 467-03, 468-03, 469-03, 470-03, 001-04, 002-04.
Activities Baltimore	BA	732-03, 736-03, 737-03, 738-03.
Group Eastern Shore	ES	209-03, 210-03, 211-03, 212-03.
Group Hampton Roads	HR	692-03, 695-03, 696-03, 698-03, 001-04, 002-04.
Group Cape Hatteras	CH	197-03, 001-04, 002-04.
Group Fort Macon	FM	558-03, 559-03, 562-03, 004-04, 005-04, 006-04, 007-04.

REFERENCES: Light List Reference: **ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2003 Edition**

U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (36th Edition).

U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (35th Edition).

All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

All positions cited use North American Datum 1983 (NAD 83)

NAVIGATION INTERNET SITES

Chart Corrections:	http://chartmaker.ncd.noaa.gov and http://www.maptech.com
Light List Corrections:	http://pollux.nss.nima.mil/pubs/USCGLL/pubs_j_uscgll_list.html
Coast Pilot Corrections:	HTTP://CRITCORR.NCD.NOAA.GOV
D5 LNM on Internet/Archived Back Issues for 2003:	HTTP://www.navcen.uscg.gov/lnm/d5
Chesapeake Bay Weather Buoys:	Http://www.cbos.org/client.cgi
NOAA Weather Buoy sites:	http://seaboard.ndbc.noaa.gov/Maps/wrldmap.shtml
Tides On Line:	http://www.tidesonline.nos.noaa.gov
Tides, Currents, PORTS:	http://www.co-ops.nos.noaa.gov
ACOE Navigation Link for ICW and coastal inlets	http://www.saw.usace.army.mil/nav/nav.htm
Weather:	http://www.intellicast.com/
LANTAREA/ District 5 Local Notice To Mariners	
for correspondence:	http://d5local@lantd5.uscg.mil

I. SPECIAL NOTICES: This section contains information of Special concern to the Mariner.

NAUTICAL CHART UPDATES

The National Ocean Service (NOS) has moved and expanded the function of its "critcorr" website. The new "Nautical Chart Updates" website allows the mariner to update their nautical charts from one database that includes information from NOS, the NIMA Notice to Mariners, the Coast Guard Local Notice to Mariners and the Canadian Coast Guard Notice to Mariners. To access the website and for more information go to: <http://chartmaker.ncd.noaa.gov/> and click on "Chart Updates".

FIFTH COAST GUARD DISTRICT WATERS – INCREASED THREAT LEVEL

The U.S. Coast Guard is asking for assistance from all mariners to be on the lookout while they are transiting the local waterways. The Department of Homeland Security and Coast Guard are asking you report any suspicious or peculiar activity that you may observe. Please make all reports to the U.S. Coast Guard via VHF-FM CH 16 or by using your cell phone dial 911, to the National Response Center (NRC) at 1-800-424-8802 or to the DHS Watch and Warning unit at (202) 323-3205, toll free 1-800-585-9078.

CHESAPEAKE BAY-REGULATED NAVIGATION AREA (RNA) REQUIREMENTS FOR PORT ENTRY/TRANSIT/DEPARTURE.

Mariners have been advised that there has been an amendment to the **Chesapeake Bay Regulated Navigation Area** which requires all vessels 300 gross tons and over, including tug and barge combined, to obtain permission prior to entering, departing, and/or moving within the **Regulated Navigation Area**. To obtain permission, vessels shall contact the **Joint Harbor Operations Center (JHOC)** prior to entry or movement via channel 12, alternate 13/16 VHF-FM and relay vessel documentation number, IMO number or VIN for verification. This includes entries from offshore, James River, Chesapeake Bay or Intracoastal Waterway. Alternate JHOC phone numbers are (757) 444-5210/5209. If the JHOC cannot be reached, the Captain of the Port (COPT) Command Duty Officer may be reached at (757) 668-5555.

PORTS AND WATERWAYS INFORMATION LINE

A Coast Guard toll-free hotline is now available to provide both commercial and recreational mariners with the latest, up-to-date information on local waterways and port openings, closures and restrictions. The **Coast Guard Maritime Safety Line**, [1-800-682-1796](tel:1-800-682-1796), has information from over 30 Coast Guard Captains of the Port (COTP) from the Mississippi River to the Atlantic Ocean. The Safety Line is broken into five regions:

Northeast Region - Eastern New York, Rhode Island, Maine and Massachusetts.

Mid-Atlantic/Southeast Region - Eastern and southern Florida, South and North Carolina, Virginia, Maryland and eastern Pennsylvania.

Gulf Region - Northwest Florida, Alabama, Louisiana and Texas.

Great Lakes Region - Western New York, Ohio, Michigan, Illinois, Wisconsin and Minnesota.

Mid-West Rivers Region - Missouri, West Virginia, western Pennsylvania, Kentucky and Tennessee.

Puerto Rico has its own information line with information on 22 ports at [787-706-2415](tel:787-706-2415).

REQUIRED BALLASTWATER MANAGEMENT REPORTS FOR VESSELS OPERATING OUTSIDE THE EEZ

Mariners are reminded that in accordance with 33 CFR 151.2040, all vessels which carry ballast water, including residual ballast water and sediments, are asked to submit a ballast water management report after operating outside the EEZ at their first port of call in U.S. waters. These reports may be transmitted electronically to <http://invasions.si.edu/ballast.htm>, e-mailed to ballast@serc.si.edu, faxed to Commandant, U.S. Coast Guard, c/o the NBIC at **301-261-4319**, or mailed to U.S. Coast Guard, c/o Smithsonian Environmental Research Center (SERC), P.O. Box 28, Edgewater, MD. 21037-0028.

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

The United States Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information on GPS, DGPS, and LORAN-C. The NIS also disseminates **Safety Broadcasts (BNM)**, **Local Notice to Mariners (LNM)**, and the latest **Notice Advisory to Navstar (NANU)**. **NANU** notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/status/default.htm>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at <http://www.navcen.uscg.gov>.

LOCAL NOTICE TO MARINERS ON THE INTERNET

Coast Guard District 5 offers the **Local Notice to Mariners, (LNM)**, through the Internet; [HTTP://www.navcen.uscg.gov/lnm/d5](http://www.navcen.uscg.gov/lnm/d5) or [FTP://ftp.navcen.uscg.mil](ftp://ftp.navcen.uscg.mil). Customers capable of accessing the **LNM** by Internet are encouraged to take advantage of this service. Internet use delivers information faster and provides multiple copy customers the ability to print needed amount. The use of the above service would assist with reducing publishing and mailing cost. Customers deciding to take advantage of the web access vice mailed paper copy should notify **Commander, Fifth Coast Guard District (oan), 431 Crawford Street, Portsmouth, Virginia, 23704-5004**.

AVAILABILITY OF A NATIONAL OCEAN SERVICE CRITICAL CHART CORRECTIONS WEB SITE

The Office of Coast Survey, National Ocean Service (NOS), NOAA, announces a new Internet service to the marine public at the following web site: <http://chartmaker.ncd.noaa.gov>. This service provides advance notification of critical chart corrections identified by NOS cartographers during nautical chart updating activities. Critical chart corrections are either recently identified hazards to navigation or are information regarded by NOS as essential for safe navigation, e.g. channel conditions, bridge and cable clearances, regulatory changes. Critical chart corrections posted on this web site are forwarded to the United States Coast Guard (USCG) and the National Imagery and Mapping Agency (NIMA) for inclusion in their **Local Notice To Mariners (LNM)** and **Notice To Mariners (NTM)** respectively. Additionally, updates to the **United States Coast Pilot, Volumes 1-9**, are posted on this web site. This web site must not be viewed as a substitute for either the **USCG LNM** or the **NIMA NTM**. Aid to navigation changes and other important information published in USCG and NIMA notices are not available on this web site.

NATIONAL OCEAN SERVICE (NOS) - CHARTS, PUBLICATIONS, AND TABLES - Sales Agents

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

CODE OF FEDERAL REGULATIONS – Title 33 part 70 – Interference with or Damage to Aids to Navigation

No person, shall take possession of or make use of for any purpose, or build upon, alter, deface, destroy, move, injure, obstruct by fastening vessels thereto or otherwise, or in any manner whatever impair the usefulness of any aid to navigation established and maintained by the United States. Recently several offshore NOAA data buoys parted their moorings and became adrift due to excessive strain on the mooring. These navigational data buoys collect valuable on scene weather data for all mariners. These buoys are anchored to the seabed, and some have a watch circle radius of over 1 nautical mile. Once the mooring is parted and the buoy is adrift only certain Coast Guard resources can reset the aid back on its intended station. Coordinating of resources to retrieve the buoy, and place it back on station is time consuming and sometimes take weeks, thus valuable weather information cannot be obtained and relayed to mariners in need of it. Mariners are advised not to interfere with these aids to navigation and report any sightings of vessels tied off to them to the U.S. Coast Guard. Interference with or intentional damage to Aids to Navigation is a misdemeanor and shall be subject to a fine not exceeding the sum of \$500 for each offense (33 CFR 70.01).

INTENTIONAL ENCOUNTERS WITH WHALES PROHIBITED

From late fall to early spring, various species of whales, including the severely endangered right whale, may be encountered in the local offshore and inshore waters. Vessel operators are reminded to use caution around whales. Vessels are prohibited from approaching within 500 yards of a right whale. Vessels must steer a course away from the right whale and immediately leave the area. Intentional close approach to whales is prohibited and may result in a violation of Federal or State law.

NJ - DE - SEACOAST - Sonobuoy Operations

Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:

38°36'00"N 075°00'00"W
38°45'00"N 074°53'00"W
38°45'00"N 074°20'00"W
38°00'00"N 073°05'00"W
38°00'00"N 075°11'00"W

These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.

Charts: 12200 & 12214 .

VA - WILLOUGHBY BAY - THIMBLE SHOAL CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay

- Thimble Shoal Channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.

- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessels, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of

which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

SEACOAST

37°00'00"N 75°55'00"W
37°30'00"N 75°34'00"W
37°30'00"N 75°30'00"W
37°00'00"N 75°30'00"W

36°55'00"N 75°55'00"W
36°55'00"N 75°30'00"W
36°30'00"N 75°30'00"W
36°30'00"N 75°47'00"W

CHESAPEAKE ENT

36°54'51"N 75°47'17"W
36°52'09"N 75°43'39"W
36°54'09"N 75°48'07"W
36°51'26"N 75°44'30"W

36°58'24"N 75°44'24"W
36°59'01"N 75°43'26"W
36°53'09"N 75°36'36"W
36°52'23"N 75°37'34"W

36°57'15"N 75°45'31"W
36°56'45"N 75°44'28"W
36°52'03"N 75°49'17"W
36°51'26"N 75°48'12"W

36°52'59"N 75°50'12"W
36°52'28"N 75°49'09"W
36°55'00"N 75°47'10"W
36°55'32"N 75°48'13"W

THIMBLE SHOAL CHNL

37°00'27"N 76°12'46"W
37°01'23"N 76°12'24"W
37°00'09"N 76°07'38"W
36°59'12"N 76°08'01"W

SMITH ISLAND SHOAL

37°06'42"N 75°44'54"W
37°04'42"N 75°38'36"W
37°03'43"N 75°44'54"W
37°02'43"N 75°38'36"W

37°03'42"N 75°44'54"W
37°03'42"N 75°38'36"W
37°01'43"N 75°44'54"W
37°01'43"N 75°38'36"W

37°05'24"N 75°42'14"W
37°05'24"N 75°39'46"W
37°01'30"N 75°42'14"W
37°01'30"N 75°39'46"W

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Charts: 12200, 12205, 12221, 12222, & 12254 .

NJ – LITTLE EGG HARBOR TO CAPE MAY – CAPE MAY HARBOR ENTRANCE - SHOALING

Shoaling to a depth of 10.9 feet at MHW has been reported on the Cape May Harbor Entrance Range abeam of the Cape May Inlet West Jetty Light 5 (LLNR 1445). Mariners are advised to use caution when transiting this channel. **Chart 12317.**

NJ – GREAT BAY – MULLICA RIVER – BRIDGE CLOSURE

The Green Bank Road Bridge at Mile 18.0 across the Mullica River is closed to vessel traffic through 15 January 2004 to effect additional structural repairs. **Chart 12316.**

VA - MD - POTOMAC RIVER - WOODROW WILSON BRIDGE - BRIDGE INFO

Mariners are advised that contractors are continuing construction of the new Woodrow Wilson Memorial Drawbridge across the Potomac River, mile 103.8, between the City of Alexandria, Virginia and Oxon Hill, Maryland. Excessive speed and wake by boaters have caused the potential for serious or fatal incidents to the Bridge project. It is crucial that mariners obey the speed restrictions and eliminate wakes through the work zone due to the sensitive and precise nature of the work and for worker safety. A temporary floating causeway, extending from the Jones Point Park bulkhead to the Virginia-side drawbridge foundation has been installed and will be in place during drawbridge construction. Work platform construction will be completed during the fall of 2003 on the new Maryland-side drawbridge foundation and falsework/formwork erection will continue for the new drawbridge. These activities will require intermittent day-time channel restrictions as a result of crane barge positioning. Mariners are urged to use extreme caution when transiting this area for work barges, exposed piles, and anchor buoys. Dredging is being done by Langenfelder Marine, and is expected to continue until further notice (probably 2 months). Three barges are being operated in rotation, with one in tow at any given time. Dredge scows are being staged from a mooring buoy located east of the Potomac River navigation channel, south of the bridge, in approx position 38 47.342 N and 77 02.130 W. The mooring buoy and barges are marked and lighted. For further information and updates to construction operations, contact Mr. Mike Baker, Environmental Construction Manager for the Woodrow Wilson Bridge Project at 301-567-0094 Ext 242 or visit the Project's website online at www.wilsonbridge.com. **Charts 12285 & 12289.**

VA – ATLANTIC INTRACOASTAL WATERWAY (AICWW) – ALBEMARLE AND CHESAPEAKE CANAL – Bridge Info

Mariners are advised that the Great Bridge Bridge, crossing the AICWW, Albemarle and Chesapeake Canal, mile 12.0, in Chesapeake, Virginia will have the horizontal clearance of the fender system reduced from 80 feet to 73 feet, until further notice. This change is due to the construction of the new Great Bridge Bridge. **Chart 12207.**

NC - NEW RIVER – FIRING EXERCISES

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service **Chart 11543**, will be hazardous to navigation because of field firing exercises during the following periods:

None

Firing to 3 miles seaward.

Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

The restricted areas in New River, as shown on National Ocean Service **Chart 11542**, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector Sunrise to Sunset daily, 01 – 31 January, 2004

Farnell Bay Sector Sunrise to Sunset daily, 01 – 31 January, 2004

Traps Bay Sector Sunrise to Sunset daily, 01 – 31 January, 2004

Stone Bay Sector 12:01 a.m. to Midnight, 01 – 31 January, 2004

Stone Creek Sector 12:01 a.m. to Midnight, 01 – 31 January, 2004

Grey Point Sector 12:01 a.m. to Midnight, 01 – 31 January, 2004

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight, 01 – 31 January, 2004 Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

Charts: 11542 & 11543.

II. DISCREPANCIES: The following is a summary of corrected/uncorrected discrepancies in aids to navigation. Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in the Coast Guard **Light List, Volume II 2003 (COMDTPUB P16502.2)**

KEY TO DISCREPANCY ABBREVIATIONS

AC= Group Atlantic City
CH= Group Cape Hatteras
DEST= Destroyed
FM= Group Fort Macon
LNM= Local Notice to Mariners
PH= Group Philadelphia
TRUB= Temporary Unlighted Buoy

BA= Activities Baltimore
DBD= Dayboard
ES= Group Eastern Shore
IMCH= Improper Characteristics
LT= Light
SHL= Shoaling
TRLT= Temporary Light

BNM= Broadcast Notice to Mariners
DBN= Daybeacon
EXT= Extinguished
INOP= Inoperative
OFF STA= Off Station
TRLB= Temporary Lighted Buoy

DISCREPANCIES (As of 0800 a.m. 06 January)

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
40	Brigantine Inlet Wreck Lighted Buoy WR2	LT EXT	12300	0469AC	52/03
165	Delaware Lighted Buoy D	LT EXT	12301	0205ES	50/03
360	Chesapeake Light	RAC INOP	12200	0413HR	36/03
370	Cape Henry Light	LT DIM	12254	0538HR	38/03
405	Chesapeake Bay Entrance Lighted Whistle Buoy CH	RAC INOP	12200	0002HR	01/04
505	Rudee Inlet Jetty Light 4	LT EXT	12221	0142HR	10/03
510	Rudee Inlet Jetty Daybeacon 5	DBN DEST	12200	0502HR	49/02
590	Bodie Island Light	IMCH	12200	0001CH	01/04
865	Lockwoods Folly Inlet Lighted Whistle Buoy LW	BUOY DMGD	11520	0001D5	01/04
872	Shark River Inlet South Breakwater Light 1	LT EXT	12326	0450AC	50/03
880	Barnegat Inlet North Jetty Danger Buoy B	TRUB	12323	0420AC	46/03
1175	Absecon Inlet Lighted Buoy 2	LT EXT/DBN DMGD	12318	0447AC	50/03
1195	Absecon Inlet Breakwater Light 7	DBN DEST	12301	0388AC	42/03
1585	Miah Maull Shoal Light	LT DIM	12304	0470AC	53/03
1600	Elbow of Cross Ledge Light	LT DIM/FS INOP	12304	0399AC	44/03
1945	Egg Island Point Light	DBN DMGD	12304	0411AC	45/03
1980	Ben Davis Point Light BD	DBN DMGD	12304	0412AC	45/03
2580	Reedy Island Range Front Light	LT DIM	12311	0346PH	35/03
2895	Deepwater Point Range Front Light	DBN DEST	12311	0113PH	21/02
2897	Deepwater Point Range Front Passing Light	DBN DEST	12311	0114PH	21/02
3840	Enterprise Upper Range Front Light	LT DIM	12314	0304PH	34/03
3845	Enterprise Upper Range Rear Light	LT DIM	12314	0305PH	34/03
3875	Upper Delaware River Channel Lighted Buoy 33	LT CONT	12314	0378PH	39/03
4445	Pepper Creek Daybeacon 2	TRUB	12216	0076ES	16/03
4861	Isle of Wight Bay Daybeacon 11	TRUB	12211	0097ES	46/02
5015	Sinepuxent Bay Channel Daybeacon 6	TRUB	12211	0066ES	36/02
5130	Sinepuxent Bay Channel Buoy 33	TRUB	12211	0203ES	50/03
5415	Chincoteague Bay Channel Light 3	TRUB	12211	0209ES	51/03
5520	Virginia Inside Passage Daybeacon 1	TRUB	12210	0123ES	31/03
5685	Virginia Inside Passage Daybeacon 30	TRUB	12210	0145ES	36/03
5690	Virginia Inside Passage Daybeacon 32	TRUB	12210	0152ES	39/03
5695	Virginia Inside Passage Daybeacon 33	TRUB	12210	0146ES	36/03

5700	Virginia Inside Passage Daybeacon 34	TRUB	12210	0210	51/03
5710	Virginia Inside Passage Daybeacon 36	TRUB	12210	0124ES	31/03
5778	Virginia Inside Passage Daybeacon 60	TRUB	12210	0133ES	31/03
5825	Virginia Inside Passage Daybeacon 72	TRUB	12210	0165ES	42/03
5830	Virginia Inside Passage Daybeacon 73	TRUB	12210	0165ES	42/03
5835	Virginia Inside Passage Daybeacon 75	TRUB	12210	0165ES	42/03
5845	Virginia Inside Passage Daybeacon 77	MISSING	12210	0211ES	53/03
5845	Virginia Inside Passage Daybeacon 77	TRUB	12210	0170ES	43/03
6260	Virginia Inside Passage Daybeacon 194	DBN DMGD	12210	0152ES	39/03
6295	Virginia Inside Passage Daybeacon 202	TRUB	12210	0187HR	46/03
6360	Virginia Inside Passage Daybeacon 216	TRUB	12224	0152ES	39/03
6475	Virginia Inside Passage Daybeacon 240	TRLB	12221	0434HR	32/03
6570	Virginia Inside Passage Daybeacon 263	TRUB	12221	0197ES	51/03
6575	Virginia Inside Passage Daybeacon 264	TRUB	12221	0206ES	51/03
6815	Great Machipongp Inlet Lighted Buoy 4	LT EXT	12221	0188HR	46/03
6960	Ramshorn Channel Light 2	DBN DMGD	12221	0152ES	39/03
6991	Sand Shoal Channel Daybeacon 3	TRUB	12224	0542HR	39/03
12515	James River Channel Light 112	TRLB	12251	0206HR	16/03
12530	James River Channel Light 120	TRLB	12251	0445HR	33/03
12830	Horseshoe West Channel Daybeacon 2	TRUB	12221	0212HR	17/03
12920	Back River Channel Light 4	TRLB	12238	0542HR	39/03
12925	Back River Channel Light 5	TRLB	12221	0542HR	39/03
13195	Poquoson River Daybeacon 13	TRUB	12241	0469HR	35/03
13550	York River West Range Front Light	DESTROYED/TRLB	12241	0542HR	40/03
14255	Severn River Light 1	TRLB	12221	0542HR	40/03
14285	Southwest Branch Daybeacon 3	TRUB	12241	0542HR	41/03
14325	Ware River Daybeacon 5	TRUB	12238	0587HR	42/03
14705	Jackson Creek Channel Daybeacon 2	TRLB	12225	0542HR	39/03
15125	Carter Creek Daybeacon 2	TRUB	12225	0298HR	23/03
15195	Corrotoman River Light 8	TRLB	12235	0542HR	39/03
16040	Dymer Creek Entrance Light 4	TRLB	12235	0542HR	42/03
16070	Bluff Point Light B	TRLB	12225	0559HR	39/03
16602	Coan River Daybeacon 12	TRUB	12285	0248D5	22/03
18232	Neabsco Creek Light 2	TRLB	12285	0594BA	39/03
18810	St. Jerome Creek Light 4	TRLB	12233	0599BA	39/03
21455	Cape Charles City Lighted Buoy 2	BUOY DMGD	12221	0691HR	51/03
21820	Nandua Creek Channel Daybeacon 17	TRUB	12226	0268HR	21/03
22005	Onancock Creek Channel Light 13	DBN DMGD	12228	0458HR	34/03
22050	Onancock Creek Channel Daybeacon 27	TRLB	12228	0723BA	51/03
22590	Pocomoke River Channel Light 20	DBN DMGD	12230	0511BA	32/03
22990	Rhodes Point Gut Channel Daybeacon 1	TRUB	12225	0340BA	40/02
23110	Big Thorofare Channel Daybeacon 33	TRUB	12231	0623BA	41/03
23210	Big Thorofare West Daybeacon 2A	DBN DMGD	12228	0698BA	47/03
23650	Sharkfin Shoal Channel Range Rear Light	LT EXT/DBN DMGD	12261	0497BA	32/03
23700	Great Shoals Light	FS INOP	12230	0153BA	06/03
24010	Nanticoke River Channel Buoy 8	TRUB	12261	0683BA	41/03
24020	Nanticoke River Light 9	TRLB	12230	0480BA	30/03
24605	Tar Bay Channel Light 6	TRLB	12264	0596BA	40/01
25395	Town Creek Daybeacon 7	DBN DMGD	12266	0691BA	46/03
25520	Irish Creek Daybeacon 4	DBN DMGD	12263	0616BA	40/03
25525	Irish Creek Daybeacon 6	TRUB	12266	0220BA	14/01
26325	Crab Alley Little Creek Daybeacon 6	LT EXT	12270	0726BA	51/03
26515	Chester River Channel Buoy 7	BUOYDMGD	12272	0387BA	21/03
26585	Queenstown Creek Buoy 2	TRUB	12270	0713BA	50/03
28146	Oregon Inlet Daybeacon 43	TRUB	12205	0146CH	41/03
28175	Oregon Inlet Channel Daybeacon 49	TRUB	12204	NONECH	39/03
28335	Walter Slough Daybeacon 8	TRUB	12205	0195CH	51/03
28600	Roanoke Sound Daybeacon 37	TRUB	12205	0140CH	39/03
28699.1	Hatteras Inlet South Ferry Terminal Ltd Buoy 1SF	TRLB	11555	0117CH	31/03
28715	Hatteras Inlet South Ferry Terminal Light 7	LT EXT/DBN DEST	11555	0182CH	50/03
28725	Hatteras Inlet Light 9	TRLB	11555	0503CH	44/03
28735	Hatteras Inlet Light 13	TRLB	11555	0165CH	44/03
28780	Hatteras Inlet Warning Daybeacon A	TRUB	11555	NONECH	40/03
28900	Ocracoke Inlet Buoy 1	OFF STA	11548	NONECH	39/03
28920	Ocracoke Inlet Lighted Buoy 6	LT EXT	11555	0192CH	51/03
28930	Ocracoke Inlet Lighted Buoy 10	LT EXT	11548	0193CH	51/03
29247	Barden Inlet Buoy 27	OFF STA	11545	0558FM	52/03
29997	New Topsail Inlet Buoy 3A	MISSING	11541	0552FM	51/03
30140.02	Old Topsail Creek Buoy 2	OFF STA	11541	0372FM	36/03
31025	Lockwoods Folly Inlet Buoy 4	MISSING	11534	0564FM	53/03
31340	Kitty Hawk Bay Daybeacon 4	DBN DMGD	12204	0183CH	50/03
31605	Scuppernong River Channel Light 4	TRLB	12205	0178CH	46/03
32080	Stumpy Point Target Warning Light S	TRLB	12204	0170CH	46/03
32085	Stumpy Point Target Warning Light W	LT EXT	11555	0141CH	39/03
32320	Durant Point Light 2	TRLB	11555	0011CH	06/02
32350	Bluff Shoal Slue Daybeacon 1	TRUB	11548	0011CH	50/03

32355	Bluff Shoal Blue Daybeacon 2	TRUB	11548	0129CH	34/03
32560	Brant Island Warning Light M	DBN DMGD	11548	NONEFM	50/03
32720	Fodrey Creek Light 1	TRLB	11548	0098FM	09/03
33723	Whittaker Creek Daybeacon 3	DBN DMGD	11541	0559FM	52/03
34345	Core Sound Channel Light 5	TRLB	11550	0385FM	38/02
34480	Core Sound Daybeacon 22A	DBN DEST	11544	0006FM	01/04
34485	Core Sound Daybeacon 23	TRUB	11550	0363FM	35/03
35320	New Jersey Intracoastal Waterway Daybeacon 82	TRUB	12324	0387AC	42/03
35855	New Jersey Intracoastal Waterway Daybeacon 217	DBN DMGD	12316	0462AC	52/03
35875	New Jersey Intracoastal Waterway Daybeacon 223	MISSING	12316	0416AC	45/03
37755	Great Bridge Albemarle Sound Light 155	TRLB	12204	0177CH	46/03
37785	Great Bridge Albemarle Sound Light 164	TRLB	12206	0189CH	51/03
38300	Adams Creek Light 3	TRUB	11541	0549FM	51/03
39560	New River/Cape Fear River Light 103	TRLB	11541	0191FM	18/03
39625	New River/Cape Fear River Light 128	TRLB	11541	0353FM	35/03
39640	New River/ Cape Fear River Light 130	TRLB	11541	0298FM	30/03
39700	New River/ Cape Fear River Daybeacon 149	TRUB	11534	0279FM	28/03
39845	Snows Cut Range Rear Light B	LT EXT	11537	0007FM	01/04
40235	Cape Fear Little River Buoy 48	TRUB	11534	0539FM	49/03
40315	Cape Fear Little River Daybeacon 73	DBN DEST	11534	0557FM	51/03
40330	Cape Fear Little River Light 78	TRLB	11534	0216FM	21/03

DISCREPANCIES CORRECTED (Since LNM 01/04)

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
3785	Rancocas Creek Junction Lighted Buoy RC	RELIGHTED	12313	0001PH	53/04
9565	Norfolk International Terminal Daybeacon 6	REBUILT/RECOVERED	12207	0667HR	48/03
28640	Hatteras Inlet Lighted Buoy 1	WATCHING PROPERLY	11555	0172CH	46/03
30670	Cape Fear River Channel Lighted Buoy 31	RELIGHTED	11534	0003FM	53/04
30760	Keg Island Range Rear Light	RELIGHTED	11539	0002FM	53/04
38407	Core Creek Light 24	RELIGHTED	11541	0001FM	53/04

PRIVATE AIDS DISCREPANCIES - (As of 0800 a.m. 06 January)

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
1145	Marshelder Channel Buoy 2	MISSING	12316	0449AC	50/03
2119.19	Herring Creek Daybeacon 19	DBN DEST	12216	0140ES	34/03
2825	HAMBURG COVE TRESTLE LTS (2)	LT EXT	12231	0060PH	06/03
4880	THOROFARE CH BUOY 4	MISSING	12211	0117ES	29/03
4905	THOROFARE CH BUOY 12	OFF STA	12211	0110ES	47/00
4915	THOROFARE CH BUOY 15	MISSING	12221	0031ES	20/02
4920	THOROFARE CH BUOY 16	MISSING	12211	0032ES	20/02
7667	UMCES Lighted Buoy TI (Taylor Island)	OFF STA	12230	0589BA	38/03
8881	UMCES Lighted Buoy HP	OFF STA	12273	0594BA	39/03
9730	Elizabeth River Deperming Range Obstruction Light	DBN DMGD	12253	0566HR	40/03
10186.5	LYNNHAVEN RIVER DAYBEACON 3LR	DBN DEST	12222	0147HR	18/02
10335	Long Creek Channel Daybeacon 2 LE	DBN DEST	12254	0033HR	04/03
12845	SALT PONDS DAYBEACON 1	MISSING	12222	0542HR	39/03
12850	SALT PONDS DAYBEA CON 2	MISSING	12222	0542HR	39/03
12855	SALT PONDS DAYBEACON 3	MISSING	12222	0542HR	39/03
12865	SALT PONDS LT 5	DBN DMGD	12222	0542HR	41/03
12875	SALT PONDS DAYBEACON 7	DBN DMGD	12222	0117HR	08/03
12885	SALT PONDS LT 9	LT EXT/DBN DMGD	12222	0340HR	26/03
12885.5	SALT PONDS DAYBEACON 10	DBN DMGD	12222	0542HR	39/03
12890	SALT PONDS DAYBEACON 11	DBN DEST	12222	0542HR	39/03
15980	Delco Moraine Lighted Obstruction Buoy	MISSING	12237	0523HR	45/01
16845	Mill Creek Daybeacon 2	DBN DMGD	12233	0142BA	05/01
18012.5	Aquia Creek Daybeacon 18	MISSING	12285	0197BA	26/02
18430	Little Hunting Creek Lighted Buoy 4	OFF STA	12289	0366BA	18/03
18850	BUZZ'S MARINA CH DBN 6	DBN DEST	12233	0296BA	12/03
18860	N.A.S. BASIN ENTRANCE LIGHT 2	DBN DMGD	12233	0337BA	24/01
18865	N.A.S. BASIN ENTRANCE LIGHT 1	DBN DMGD	12233	0338BA	24/01
20210	Forked River Daybeacon 2	DBN DMGD	12282	0594BA	39/03
20235	BLACKHOLE CRK DBN 2	DBN DMGD	12282	0594BA	39/03
20430	Pennwood Channel Range Front Light	LT EXT	12278	0015BA	02/03
20435	Pennwood Channel Range Rear Light	LT DIM	12278	0415BA	30/01
20545	Sparrow Point Steel Work CH Range FT LT	LT EXT	12278	0302BA	36/02
20705	SOLLERS PT LT 1	LT EXT	12278	0732BA	52/03
20760	HAW GEN PLANT CH BUOY 7	BUOYSINK	12278	0594BA	39/03
20805	HAWKINS POINT PIER BUOY 2	OFF STA	12278	0103BA	18/02
21425	Kiptopeke Beach Breakwater North Light B	LT EXT	12221	0676D5	49/01
25020	Cambridge Channel Range Front Light	LT EXT	12268	0382BA	46/02
25025	Cambridge Channel Range Rear Light	LT EXT	12268	0383BA	46/02

26155	WYE EAST RIVER DBN 2	DBN DMGD	12270	0619BA	40/03
26160	WYE EAST RIVER DBN 3	DBN DMGD	12270	0620BA	40/03
26343.3	Greenwood Creek Buoy 4	OFF STA	12270	0411BA	24/03
26965	Shallow Creek Daybeacon 4	DBN DMGD	12278	0594BA	39/03
26985	Shallow Creek Daybeacon 8	DBN DMGD	12278	0594BA	39/03
30562.3	Sunny Point Terminal Warning Light L	TRLB	11537	0016FM	02/03
33200	Jacobs Creek Canal Daybeacon 1	DBN DMGD	11554	0339FM	34/02
33205	Jacobs Creek Canal Daybeacon 2	DBN DMGD	11554	0340FM	34/02
33427	SWAN PT WARNING DBN A	MISSING	11548	0088FM	09/03
38570	TRIPLE S. MARINA DAYBEACON 8	DBN DEST	11547	0505FM	51/01

PRIVATE AIDS DISCREPANCIES - CORRECTED (Since LNM 01/04)

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
None.					

III. TEMPORARY CHANGES/CORRECTIONS: This section contains a summary of current temporary changes and corrections to Aids to Navigation. Aids may be temporarily relocated or established for dredging; testing, evaluation or marking an obstruction or wreck. A permanent correction shall be listed in **Section IV.** giving the new position.

TEMPORARY CHANGES

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
1185	Absecon Inlet Lighted Buoy 4	REMOVED DUE TO ICE	12316	0459AC	51/03
1190	Absecon Inlet Lighted Buoy 5	REMOVED DUE TO ICE	12318	0468AC	52/03
2896	Deepwater Wreck Lighted Buoy WR2M	ESTABLISHED	12311	0113PH	22/02

TEMPORARY CHANGES CORRECTED

LLNR	Name of Aid	Status	Chart Number	BNM Ref.	LNM Ref.
None.					

IV. CHART CORRECTIONS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. **The mariner must decide which Chart(s) to correct. The following example explains the individual elements of a typical chart correction.**

Number	Edition	Date	Last LNM Ref	Datum Reference	Correction source	Notice to Mariners
12327	91 st Ed. NY-NJ-NEW YORK HARBOR - RARITAN RIVER (TEMP) ADD	04/01/2000	LAST LNM 26/00	NAD 83	CGD05/NOS	50/02
	National Dock Channel Buoy 3, green can				40°41'09.000N	074°02'48.100W
	Corrective Action	Object of corrective Action			Position (Degrees, minutes, seconds and tenths)	

The letter (M) immediately following the chart number indicates that the correction should be applied to the Metric side of the chart only. **(TEMP)** Indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees true, clockwise from 000°. Bearings of light sectors are toward the light from seaward. The nominal range of lights is in nautical miles (NM).

11534	32nd ed. 03/01/2003	LAST LNM: 52/03	NAD 83	CGD05	01/04
NC-SC-ICW-MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK					
RELOCATE					
	Cape Fear River - Little River Buoy 46A	from	33-55-16.032N	078-14-13.631W	
		to	33-55-15.810N	078-14-06.041W	
CHANGE					
	Cape Fear Channel Lighted Buoy 30 to Q R	in	34-00-12.911N	077-56-24.499W	
DELETE/RELOCATE					
	New River/ Cape Fear River Daybeacon 149	from	34-06-32.400N	077-52-23.500W	
	delete PA, relocate	to	34-06-31.128N	077-52-25.872W	
11537	34th ed. 04/01/2003	LAST LNM: 52/03	NAD 83	CGD05	01/04
NC- CAPE FEAR RIVER:- CAPE FEAR RIVER TO WILMINGTON					
CHANGE					
	Cape Fear Channel Lighted Buoy 30 to Q R	in	34-00-12.911N	077-56-24.499W	
11541	33rd ed. 11/01/2002	LAST LNM: 52/03	NAD 83	CGD05	01/04
NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND					
RELOCATE					
	Bogue Sound/New River Light 66	from	34-32-52.221N	077-19-35.399W	

	Bogue Sound/New River Daybeacon 69	to	34-32-52.261N	077-19-35.838W
		from	34-33-03.094N	077-20-23.651W
	New River/Cape Fear River Light 98	to	34-33-03.383N	077-20-23.826W
		from	34-21-42.382N	077-40-12.906W
		to	34-21-42.504N	077-40-12.894W
CHANGE	New River/ Cape Fear River Light 130			
	range to 4M	in	34-10-26.191N	077-50-26.207W
DELETE/RELOCATE	Bogue Sound New River Daybeacon 45B			
	Delete PA, relocate	from	34-40-31.584N	077-06-25.817W
		to	34-40-32.195N	077-06-25.830W
11542	15 th ed. 05/12/2001 LAST LNM: 48/03	NAD 83	CGD05	01/04
	NC – NEW RIVER			
	RELOCATE			
	Bogue Sound/New River Light 66	from	34-32-52.221N	077-19-35.399W
		to	34-32-52.261N	077-19-35.838W
	Bogue Sound/New River Daybeacon 69	from	34-33-03.094N	077-20-23.651W
		to	34-33-03.383N	077-20-23.826W
12204	35 th ed. 01/01/2003 LAST LNM: 50/03	NAD 83	CGD05	01/04
	NC- CURRITUCK BEACH LIGHT TO WIMBLE SHOALS			
	RELOCATE			
	Oregon Inlet Channel Junction Lighted Buoy	from	35-45-39.144N	075-35-23.995W
		to	35-45-39.389N	075-35-25.633W
	Oregon Inlet Daybeacon 43	from	35-46-34.624N	075-34-45.845W
		to	35-46-38.628N	075-34-42.888W
12205	28 th ed. 08/01/2003 LAST LNM: 51/03	NAD 83	CGD05	01/04
	VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND)			
	RELOCATE			
	Oregon Inlet Daybeacon 43	from	35-46-34.624N	075-34-45.845W
		to	35-46-38.628N	075-34-42.888W
12207	20 th ed. 04/04/1998 LAST LNM: 44/03	NAD 83	NOS NW - 7245	01/04
	VA-NC-CAPE HENRY TO CURRITUCK BEACH LIGHT			
	ADD			
	42 foot sounding	at	36-55-17.020N	075-44-42.160W
	48 foot sounding	at	36-55-12.480N	075-40-48.030W
DELETE				
	44 foot sounding	at	36-55-14.000N	075-44-36.000W
	48 foot sounding	at	36-55-12.480N	075-40-48.030W
12208	09 th ed. 04/01/2003 LAST LNM: 51/03	NAD 83	NOS NW - 7245	01/04
	VA-APPROACHES TO CHESAPEAKE BAY			
	ADD			
	44 foot sounding, dotted danger curve,			
	blue tint and label: Wk	centered at	36-59-46.070N	075-45-21.870W
	36 foot sounding	at	36-58-14.210N	075-48-29.360W
	35 foot sounding	at	36-56-26.640N	075-46-05.410W
	48 foot sounding	at	36-55-12.480N	075-40-48.030W
	48 foot sounding	at	36-56-19.560N	075-41-22.460W
12221	75 th ed. 09/01/2003 LAST LNM: 51/03	NAD 83	NOS NW - 7245	01/04
	VA-CHESAPEAKE BAY ENTRANCE			
	ADD			
	44 foot sounding, dotted danger curve,			
	blue tint and label: Wk	centered at	36-59-46.070N	075-45-21.870W
	36 foot sounding	at	36-58-14.210N	075-48-29.360W
	35 foot sounding	at	36-56-26.640N	075-46-05.410W
	42 foot sounding	at	36-55-17.020N	075-44-42.160W
	48 foot sounding	at	36-55-12.480N	075-40-48.030W
	48 foot sounding	at	36-56-19.560N	075-41-22.460W
DELETE				
	44 foot sounding	at	36-55-20.000N	075-44-38.000W
12277	32 nd ed. 07/01/2003 LAST LNM 47/03	NAD 83	NOS NW - 7222	01/04
	DE-MD-NJ-CHESAPEAKE AND DELAWARE			
	(CONTINUATION OF SALEM RIVER)			
	DELETE			
	overhead power cable and note:			
	OVHD PWR CAB, AUTH CL 65 FT	centered at	39-34-34.000N	075-28-46.000W
12280	04 th ed. 10/01/2003 LAST LNM: 51/03	NAD 83	NOS NW - 7245	01/04
	MD-VA-CHESAPEAKE BAY - SOUTHERN PART			

ADD

44 foot sounding, dotted danger curve, blue tint and label: Wk	centered at	36-59-46.070N	075-45-21.870W
36 foot sounding	at	36-58-14.210N	075-48-29.360W
35 foot sounding	at	36-56-26.640N	075-46-05.410W
42 foot sounding	at	36-55-17.020N	075-44-42.160W
48 foot sounding	at	36-55-12.480N	075-40-48.030W
48 foot sounding	at	36-56-19.560N	075-41-22.460W

DELETE

47 foot sounding	at	36-59-54.000N	075-45-06.000W
44 foot sounding	at	36-55-14.000N	075-44-36.000W
51 foot sounding	at	36-55-08.000N	075-40-54.000W
bottom characteristic: M S	at	36-56-20.000N	075-41-25.000W

12311 42nd ed. 08/01/2003 LAST LNM: 47/03 NAD 83 NOS NW - 7222 01/04
DE-NJ-DELAWARE RIVER SMYRNA RIVER
DELETE

overhead power cable and note:
OVHD PWR CAB, AUTH CL 65 FT centered at 39-34-34.000N 075-28-46.000W

12313 49th ed. 07/01/2003 LAST LNM: 46/03 NAD 83 NOS NW - 7168 01/04
PA-NJ-DELAWARE RIVER PHILADELPHIA AND CAMDEN WATERFRONTS

ADD

Tabulation - Schuylkill River centered at 39-54-40.000N 075-11-06.000W

A weekly electronic update service is now available for NOAA's digital, raster nautical charts. All Notice to Mariner corrections from USCG, NIMA and CHS are included. The service is provided via a partnership between NOAA and Maptech, Inc. Further information is available from NOAA at (301)-713-2770, <http://chartmaker.ncd.noaa.gov> or from Maptech at (978)-933-3000, <http://www.maptech.com>.

V. ADVANCE NOTICES: This section contains advance notice of approved projects, changes to aids to navigation, bridge regulations or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas. Comments on this change should be forwarded to the **Commander Fifth Coast Guard District (oan), 431 Crawford Street, Portsmouth, VA 23703-5004**

VA – POTOMAC RIVER – COAN RIVER – AIDS TO NAVIGATION CHANGES

After the completion of dredging operations in the Coan River the Coast Guard will complete the following changes to the Aids to Navigation system in the Coan River:

Establish: Coan River Daybeacon 11 (LL 16602) in position 37 59 11.440 N - 76 28 00.573 W.

Relocate: Coan River Daybeacon 13 (LL 16605) to 37 59 02.688 N - 76 27 56.620 W.

Charts 12233 & 12285

BRIDGE ADVANCE NOTICE

None.

VI. PROPOSED CHANGES: Periodically the Coast Guard evaluates the system of Aids To Navigation and bridge regulations to determine whether the conditions for which the aids were established have changed. All comments should include the following information: 1) Quantity, type, capacity and value of vessels involved, and the extent that these vessels traverse the area under consideration seasonally, by day, and by night. 2) where practicable, the type of navigation devices, such as compasses, radio direction finders, radar, LORAN, DGPS, and search lights, with which such vessels are equipped. 3) The number of passengers and type, quantity, and value of cargo involved. 4) A chart section or sketch showing the action proposed when necessary to clearly describe the recommended improvement. Written comments on this proposal should be forwarded to: **COMMANDER, FIFTH COAST GUARD DISTRICT (OAN) 431 Crawford Street, Portsmouth, VA 23704-5004**, unless otherwise noted.

VA – SEACOAST – DAM NECK – DISCONTINUANCE OF DISPOSAL AREA BUOYS

The Coast Guard is seeking comments on the proposal to discontinue Dam Neck Disposal Area Lighted Buoy B (LLNR 520) and Dam Neck Disposal Area Lighted Buoy C (LLNR 525). Comments on this proposal should be forwarded to the above address no later than **01 February, 2004**.

BRIDGE PROPOSALS:**NJ & PA – DELAWARE BAY – DELAWARE RIVER – MANTUA CREEK**

The U.S. Coast Guard proposes to change the regulations that govern the operation of the Consolidated Rail Corporation (CONRAIL) Railroad (Swing) Bridge across Mantua Creek at mile 1.4, in Paulsboro, New Jersey. The proposal would increase openings and eliminate the need for a bridge tender by allowing the bridge to be operated by a train crewmember. This change will provide for the reasonable needs of navigation. Comments on this proposal should be forward to the above address attention **(oan-b)** no later than **January 26, 2004**. Copies of **PUBLIC NOTICE 5-1001** which describe the proposal in detail can be obtained by writing to the above address or by calling (757) 398-6222.

VII. GENERAL: This section contains information of general concern to the mariner. Mariners are advised to use caution while transiting these areas. The following is a list of dredging/construction operations being conducted in the Fifth Coast Guard District. Mariners should be aware that the dredge and pontoon lines are held in place by cables, which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor Channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland

Navigation Rules when approaching, passing and leaving the area of operation, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

CONSTRUCTION/DREDGING LOCAL NOTICE TO MARINERS NOTIFICATION DEADLINES

Construction and dredging companies should notify **Commander, Fifth Coast Guard District (oan), 431 Crawford Street, Portsmouth, VA 23704-5004** at least 3 weeks prior to operation begin date for information to be published in the **Local Notice to Mariners**. It is requested that notification be delivered by letter or fax and followed up by telephone. Fax # (757) 398-6303 and voice Phone # (757) 398-6552 /6225, Or at the D5LOCAL INTERNET SITE.

LOCATION	DATE	DREDGE	LN
NJ – Absecon Bay & Creek – Dredging	Through 15 Jan 2004	MARCIE BEA	39/03
DE – Christina River/Wilmington Harbor – Dredging	03 Jan – 31 Jan 2004	ESSEX	51/03
DE – Deepwater Range Front Light Reconstruction	36 Dec – 04 Feb 2004	Atlantic Subsea Const.	51/03
DE – MD – C & D Canal	01 Oct – 28 Jan 2004	CLAMSHELL DREDGE No. 54	39/03
MD – Potomac River – Bowling AFB Marina	30 Oct – 31 Jan 2004	Lake Services, Inc.	41/03
MD – Baltimore Harbor – Dredging	Until further notice	WEEKS MARINE	23/03
MD – Bird River – Dredging	15 Jun – 15 Feb 2004	MOBILE DREDGING	22/03
VA – James River – Richmond Deepwater Term – Dredging	02 Jan – 01 Feb 2004	ENTERPRISE	52/03
VA – James River – Hopewell – Dredging	11 Dec – 11 Jan 2004	JENNI LEA	50/03
VA – Coastal – Dam Neck – Beach replinshment	25 Dec – 01 May 2004	DODGE ISLAND	50/03
VAMD – Potomac River Bridge – Mattawoman Creek to Georgetown – Dredging	10 Dec – 15 Feb 2004	BIG BIRD/PATUXENT II	44/03
VA – Chincoteague Inlet Inner Channel – Dredging	30 Dec – 10 Jan 2004	MARION	01/04
VA – Coastal – Rudee Inlet – Dredging	Until Further Notice	RUDEE II	34/03
VA – Elizabeth River – Western Branch – Bridge demolition/Construction	Apr 2002 – Dec 2004	Tidewater Construction	16/02
VA – Elizabeth River – Lamberts Point – Pier Construction	Through Aug 2004	Marine Contracting Corp.	39/03
NC – Cape Fear River – Sunny Point Mil. Term. – Dredging	31 Oct – 10 Jan – 2004	CHARLESTON	40/03
NC – Old House Channel – Dredging	08 Dec – 31 Mar 2004	MARION	49/03
NC – Cape Fear River Lower Lilliput Channel, Lower Midnight, Upper Midnight Channel – Dredging	Jul 2004	DREDGE 54	33/03
NC – Northeast Cape Fear River/Smith Creek Parkway – Bridge Construction	01 Jun – 31 Jan 2005	TIDEWATER CONSTR	19/03

SUMMARY OF SHOALING

The following list is a summary of shoaling within the Fifth Coast Guard District articles published in the **Local Notice to Mariners**. For the complete article see the number listed under REF **LN**. However shoaling is subject to continual change. In many inlets hydrography is not shown due to frequent changes. All mariners are urged to use caution when transiting these areas.

LOCATION	PUBLISHED DATE	CHART	REF LN
DE- ROOSEVELT INLET	25 Nov 03	12216	47/03
NJICW – NJICW Daybeacon 160 (LLNR 35645)	30 Dec 03	12316	52/03
NJ – CAPE MAY INLET	28 Oct 03	12317	44/03
MD – POTOMAC RIVER – ST PATRICK CREEK	08 Jul 03	12285	27/03
MD – HONGA RIVER	25 Nov 03	12261	47/03
VA – NASSAWADOX CREEK	28 Feb 03	12224	04/03
VA – RUDEE INLET	01 Apr 03	12208	13/03
VA – LYNNHAVEN INLET	22 Jul 03	12254	29/03
NC – BEAUFORT HARBOR CHANNEL	25 Nov 03	11543	47/03
NC – CAROPLINA BEACH INLET	25 Nov 03	11541	47/03
NC – CAROLINA BEACH HIGHRISE BRIDGE	28 Oct 03	11541	44/03
NC – OREGON INLET	25 Nov 03, 49 Dec 03	12204	47/03, 49/03
NC – HARKERS ISLAND	29 Apr 03	11545	17/03
NC – ALLIGATOR RIVER	23 Sep 03	11553	38/03
NC – LOCKWOODS FOLLY	29 Apr 03, 25 Nov 03	11541	17/03, 47/03
NC – BEAR/BROWNS INLET	14 Jan 03	11541	02/03
NC – BOGUE SOUND	25 Nov 03	11541	47/03
NC – BOGUE SOUND/NEW RIVER	25 Nov 03	11541	47/03
NC – HATTERAS INLET	28 Jan 03	11555	04/03
NC – NEW TOPSAIL INLET	30 Dec 03	11541	52/03
NC – NEW RIVER INLET	30 Sep 03	11541	39/03
NC – MOREHEAD CITY CHANNEL	22 Jul 03	11541	29/03

CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM. For more information refer to the referenced **Local Notice To Mariner** or contact the **Commander, Fifth Coast Guard District (oan), 431 Crawford Street, Portsmouth, VA, 23704-5004** via written correspondence, by voice phone at (757) 398-6222., or at the LANTAREA Office Aids to Navigation INTERNET SITE.

BRIDGE	TYPE	WATERWAY	MILE	SUBJECT	COMP. DATE	LN
Roosevel tBlvd Bridge		NJICW	84.3	Bridge painting	21 May 2004	16/03
Christina River Bridge	F	Delaware River	5.5	Bridge repairs	Until further notice	42/02
Ben Franklin Bridge		Delaware River	100.2	Painting/sandblasting	Until further notice	47/03
Tacony Palmyra Bascule Bridge		Delaware River	107.2	Bridge repairs	02 Oct 2003.	36/03

Third Street Bridge	B	Delaware/Christina River	2.3	Bridge repair	Until further notice	19/01
Hanover Street Bridge		Baltimore		Bridge inoperative	Until further notice	33/02
Woodrow Wilson Bridge	B	Potomac River	103.8	Bridge Replacement	Until further notice	20/01
SR 123 Occuquan River		Occuquan River	5.0	Bridge construction	30 May 2005	43/03
William Preston Lane JR., MD	F	Chesapeake Bay	138.0	Bridge painting	Until further notice	23/02
William Preston Lane JR., MD	F	Chesapeake Bay	138.0	Underwater repairs	31 Dec 2004	29/03
Amtrack Swing Bridge		Susquehanna Riv	1.0	Bridge repairs	Until further notice	28/00
Rochambeau Bridge		Potomac Riv	109.9	Painting/sandblasting	Until further notice	35/01
McGhan Bridge		NJICW Beach Thorofare	69.0	Bridge repair	Until further notice	33/02
Jones Creek		James River		Bridge Replacement	Until further notice	35/03

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule, E=East(Eastern), W=West(Western), S=South(Southern), N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad, Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

SUMMARY OF GENERAL ARTICLES IN EFFECT FOR THE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following general information articles are in effect for the Fifth Coast Guard District. Information Articles will be published once upon request to **Commander, Fifth Coast Guard District (oan), 431 Crawford Street, Portsmouth, VA 23704-5004** via written correspondence, FAX at (757) 398-6303 or at the LANTAREA Office Aids to Navigation INTERNET SITE listed on the cover.

DELAWARE RIVER – DEEPWATER RANGE FRONT LIGHT (LLNR 2895) CONSTRUCTION

The Deepwater Range Front Light (LLNR 2895) reconstruction project will commence on or about December 26, 2003 and is expected to be complete about February 4, 2004. The Crane Barge 1, a 55 ton DELAWARE will be anchored using a 4 point anchoring system. The anchors will be approx 100 feet away from the barge and marked by lit pendant buoys. Crane Barge 2, the 300 ton GEORGE JOHNSON. will be anchored using a 4 point anchoring system. The anchors will be approx 100 feet away from the barge and marked by lit pendant buoys. Both crane barges will also be spudded down. In addition there will be two support barges, a 110 Ft. material barge and a 90 foot ferry barge RICHARD. The 110 Ft. material barge will carry the structures and accessories. The RICHARD will be used for ferrying materials and support equipment on an as-needed basis. On location, these barges will tie off to the crane barges mentioned above. An assist tug DELAIR will be moored to the barges at all times during the duration of the river work. Other Tugs from Wilmington Tug and Hays Towing & Launch Service will be on emergency call if needed. A crew launch LEHIGH will be used to ferry personnel to and from the site. The work site personnel will monitor VHF channel 13. Working hours will typically be from 0700 to 1530 or 1730, depending upon work schedule. Mariners are requested to exercise extreme caution and **no wake** when approaching, passing and leaving the construction location and to strictly comply with Inland Rules of the Road and watch for indications of a submerged or partially submerged moorings and equipment **Chart 12311.**

LNM 51/03

VA – CHINCOTEAGUE INLET INNER HARBOR - DREDGING

The dredge MARION will be dredging the Chincoteague Inlet Inner Harbor from 30 December through 10 January, 2004. The dredge can be contacted on VHF-FM 13 and 16. Mariners are requested to stay clear of the dredge, floating and submerged pipeline, buoys and wires and review comments concerning dredging operations under General Articles VII. Mariners are requested to exercise extreme caution and **no wake** when approaching, passing and leaving the dredge location and to strictly comply with Inland Rules of the Road and watch for indications of a submerged or partially submerged pipeline. **Charts 12210 & 12211**

LNM 01/04

VA – JAMES RIVER – RICHMOND DEEPWATER TERMINAL - DREDGING

The dredge ENTERPRISE will be dredging the Richmond Deepwater Terminal from 02 January through 01 February, 2004. The dredge can be contacted on VHF-FM 13 and 16. Mariners are requested to stay clear of the dredge, floating and submerged pipeline, buoys and wires and review comments concerning dredging operations under General Articles VII. Mariners are requested to exercise extreme caution and **no wake** when approaching, passing and leaving the dredge location and to strictly comply with Inland Rules of the Road and watch for indications of a submerged or partially submerged pipeline. **Chart 12251**

LNM 52/03

VIII. LIGHT LIST CORRECTIONS FOR COMDTPUBP16502.2 VOLUME II, 2003 EDITION.

An asterisk*, indicates the column in which a correction has been made or new information added.

LLNR	(2) Name and Location	(3) N/W Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks	(9) LNM
30665 39910	- Channel Lighted Buoy 30		Q R *		3 *	Red with yellow square.		01/04
39640	- LIGHT 130		Fl R 4s	15	4 *	TR-TY on pile. *		01/04
39910 30665	- Channel Lighted Buoy 30		Q R *		3 *	Red with yellow square.		01/04

**S.B. O'Hara
REAR ADMIRAL, U.S. COAST GUARD
COMMANDER, FIFTH COAST GUARD DISTRICT**

ENCLOSURE

1. Chart 12313 [Tabulation](http://chartmaker.ncd.noaa.gov) - Schuylkill River. <http://chartmaker.ncd.noaa.gov>

U.S.C.G. AUXILIARY BOATING SAFETY COURSES--DE, NJ and PA

Advanced Coastal Navigation

Date	State	City	Location	Time	Duration	Flotilla	Phone
2/ 3/2004	NJ	Toms River	Toms River	7:30 PM	12 classes	16-07	732-255-3753
1/29/2004	PA	Philadelphia	USCG Base	6:30 PM	15 weeks	02-76	610-642-2442
1/24/2004	PA	Warrington	Warrington Ambulance	7:30 PM	13 weeks	02-04	215-348-5068
1/24/2004	PA	York	York College	9:30 AM	6 weeks	14-02	717-815-1210

America's Boating Course

Date	State	City	Location	Time	Duration	Flotilla	Phone
2/14/2004	NJ	Atlantic City	USCG Station Atlantic	8:30 AM	2 days	08-04	609-822-3467
3/20/2004	NJ	Atlantic City	USCG Station Atlantic	8:30 AM	2 days	08-04	609-822-3467
4/17/2004	NJ	Atlantic City	USCG Station Atlantic	8:30 AM	2 days	08-04	609-822-3467
5/15/2004	NJ	Atlantic City	USCG Station Atlantic	8:30 AM	2 days	08-04	609-822-3467
6/12/2004	NJ	Atlantic City	USCG Station Atlantic	8:30 AM	2 days	08-04	609-822-3467
3/ 6/2004	NJ	Brigantine	Brigantine Civic Center	8:30 AM	1 day	08-05	609-926-7607
4/ 3/2004	NJ	Brigantine	Brigantine Civic Center	8:30 AM	1 day	08-05	609-926-7607
5/ 1/2004	NJ	Brigantine	Brigantine Civic Center	8:30 AM	1 day	08-05	609-926-7607
3/20/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
4/10/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
4/24/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
5/ 8/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
5/22/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
6/ 1/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	6:00 PM	2 nights	08-06	609-889-8575
6/12/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
6/26/2004	NJ	Cape May Court	Sturdy Admin. Bldg.	9:00 AM	1 day	08-06	609-889-8575
3/10/2004	NJ	Ewing	Fisher School	7:00 PM	5 weeks	06-01	609-883-1946
5/22/2004	NJ	Forked River	Lacey Community	8:30 AM	1 session	07-09	609-693-2121
6/26/2004	NJ	Forked River	Lacey Community	8:30 AM	1 session	07-09	609-693-2121
3/23/2004	NJ	Mullica Hill	Clearview High School	5:30 PM	2 nights	03-02	856-845-6903
4/25/2004	NJ	Ocean City	Bay View Marina	9:00 AM	1 day	08-03	609-729-3032
5/ 1/2004	NJ	Ocean City	Stainton Senior Center	9:00 AM	1 day	08-01	609-399-4299
5/16/2004	NJ	Ocean City	Bay View Marina	9:00 AM	1 day	08-03	609-729-3032
5/29/2004	NJ	Ocean City	Bay View Marina	9:00 AM	1 day	08-03	609-729-3032
5/29/2004	NJ	Ocean City	Stainton Senior Center	9:00 AM	1 day	08-01	609-399-4299
6/14/2004	NJ	Ocean City	Stainton Senior Center	6:00 PM	2 weeks	08-01	609-399-4299
6/19/2004	NJ	Ocean City	Stainton Senior Center	9:00 AM	1 day	08-01	609-399-4299
6/27/2004	NJ	Ocean City	Bay View Marina	9:00 AM	1 day	08-03	609-729-3032
6/19/2004	NJ	Pleasantville	Red Cross Center,	8:30 AM	1 day	08-05	609-926-7607

2/ 7/2004	NJ	Point Pleasant	Pt. Pleasant High School	8:30 AM	1 day	16-07	908-806-6201
3/20/2004	NJ	Point Pleasant	Pt. Pleasant High School	8:30 AM	1 day	16-07	732-714-1090
4/24/2004	NJ	Point Pleasant	Pt. Pleasant High School	8:30 AM	1 day	16-07	732-295-4626
5/22/2004	NJ	Point Pleasant	Pt. Pleasant High School	8:30 AM	1 day	16-07	732-295-4626
4/24/2004	NJ	Sea Isle City	Minmar Marine	9:00 AM	1 day	08-03	609-729-3032
2/24/2004	NJ	Toms River	Toms River Yacht Club,	5:30 PM	7 weeks	16-03	732-286-0518
1/17/2004	NJ	Westville	Flotilla 22	8:00 AM	1 day	03-02	856-845-6903
4/17/2004	NJ	Wildwood Crest	Crest Ambu. Center	9:00 AM	1 day	08-03	609-729-3032
5/ 8/2004	NJ	Wildwood Crest	Crest Ambu. Center	9:00 AM	1 day	08-03	609-729-3032
5/22/2004	NJ	Wildwood Crest	Crest Ambu. Center	9:00 AM	1 day	08-03	609-729-3032
6/19/2004	NJ	Wildwood Crest	Crest Ambu. Center	9:00 AM	1 day	08-03	609-729-3032
2/ 4/2004	PA	Media	Riddle Memorial	7:00 PM	4 nights	04-03	610-892-0586
3/ 3/2004	PA	Media	Riddle Memorial	7:00 PM	4 nights	04-03	610-892-0586
4/ 7/2004	PA	Media	Riddle Memorial	7:00 PM	4 nights	04-03	610-892-0586
5/ 5/2004	PA	Media	Riddle Memorial	7:00 PM	4 nights	04-03	610-892-0586
6/ 9/2004	PA	Media	Riddle Memorial	6:00 PM	2 nights	04-03	610-892-0586
1/20/2004	PA	Willow Grove	Upper Moreland High	7:30 PM	4 weeks	02-06	215-443-8347

Basic Coastal Navigation

Date	State	City	Location	Time	Duration	Flotilla	Phone
3/ 9/2004	NJ	Ewing	Fisher School	7:00 PM	10 weeks	06-01	609-883-1946
4/ 1/2004	NJ	Ocean City	Stainton Senior Center	7:00 PM	10 weeks	08-01	609-399-4299
3/ 2/2004	PA	Doylestown	C. B. West High School	7:00 PM	8 weeks	10-06	215-362-4972
3/ 4/2004	PA	Lansdale	North Penn High School	7:00 PM	8 weeks	10-06	215-362-4972
1/29/2004	PA	Warrington	Warrington Ambulance	7:00 PM	13 weeks	02-04	215-348-5068

Boating Skills and Seamanship

Date	State	City	Location	Time	Duration	Flotilla	Phone
1/13/2004	DE	Marshallton	DelCastle High School	7:00 PM	13 lessons	01-04	302-654-9111
2/ 3/2004	DE	New Castle	Ommelanden Hunter	7:00 PM	7 weeks	01-05	302-737-4479
2/16/2004	DE	Wilmington	Aldersgate Methodist	7:00 PM	8 weeks	01-08	302-731-0318
2/10/2004	NJ	Berlin	Berlin Community	7:30 PM	10 weeks	13-05	856-983-4171
1/12/2004	NJ	Beverly	American Legion Post	7:30 PM	8 weeks	06-05	856-767-7969
2/23/2004	NJ	Cape May Court	Vo-Tech	7:00 PM	10 weeks	08-03	609-729-3032
2/ 3/2004	NJ	Haddonfield	Haddonfield High	7:30 PM	6 weeks	13-05	856-983-4171
3/ 9/2004	NJ	Lanoka Harbor	Mill Pond School	7:00 PM	7 sessions	07-09	609-693-2121
2/23/2004	NJ	Manahawkin	Southern Regional High	7:30 PM	7 sessions	07-04	609-698-6314
2/ 2/2004	NJ	Millville	Millville High School	7:00 PM	13 nights	03-04	856-825-6630
3/10/2004	NJ	Morrestown	Moorestown High	7:30 PM	11 weeks	13-06	856-829-4866
3/11/2004	NJ	Morrestown	Moorestown High	8:30 PM	7 weeks	13-06	856-829-4866
2/10/2004	NJ	Mt. Laurel	Hartford School	7:00 PM	12 lessons	13-05	856-983-4171
3/15/2004	NJ	Mt. Laurel	Hartford School	7:00 PM	12 lessons	13-05	856-983-4171
4/21/2004	NJ	Mt. Laurel	Hartford School	7:00 PM	12 lessons	13-05	856-983-4171
5/18/2004	NJ	Mt. Laurel	Hartford School	7:00 PM	12 lessons	13-05	856-983-4171

1/26/2004	NJ	Ocean City	Stainton Senior Center	6:00 PM	8 weeks	08-01	609-399-4299
4/ 5/2004	NJ	West Trenton	1613 Reed Road	7:30 PM	10 weeks	06-09	609-737-1441
4/ 5/2004	NJ	West Trenton	1613 Reed Road	7:30 PM	5 weeks	06-09	609-737-1441
1/27/2004	PA	Abington	Abington Sr. High	7:30 PM	8 weeks	02-04	215-884-4967
2/17/2004	PA	Allentown	Jewish Community	7:30 PM	13 weeks	10-02	610-868-9089
3/ 1/2004	PA	Boyertown	Boyertown Area High	7:30 PM	7 lessons	10-05	610-367-6676
4/17/2004	PA	Croyden	Snug Harbor Marina	9:30 AM	2 weeks	02/04	215-969-0266
3/ 2/2004	PA	Doylestown	C. B. West High School	7:00 PM	8 weeks	10-06	215-887-1826
2/ 3/2004	PA	Folsom	Ridley High School	7:00 PM	10 weeks	04-08	610-543-4786
2/ 4/2004	PA	Hanover	22 Carlisle Street	7:00 PM	9 weeks	14-04	717-632-2475
2/11/2004	PA	Harrisburg	Community Life Team	7:00 PM	13 weeks	05-02	717-657-1023
2/ 3/2004	PA	Lancaster	Manheim Twp.	7:00 PM	12 weeks	14-01	717-464-3713
3/ 4/2004	PA	Lansdale	North Penn High School	7:00 PM	8 weeks	10-06	215-361-9261
1/ 5/2004	PA	Philadelphia	USCG Base	6:30 PM	7 weeks	02-76	610-642-2442
2/16/2004	PA	Philadelphia	Evangelical Manor	8:00 PM	13 weeks	02-01	215-547-1153
2/23/2004	PA	Philadelphia	USCG Base	6:30 PM	7 weeks	02-76	610-642-2442
4/12/2004	PA	Philadelphia	USCG Base	6:30 PM	7 weeks	02-76	610-642-2442
1/26/2004	PA	Pottstown	Pottstown Middle School	7:00 PM	13 lessons	10-05	610-367-6676
2/23/2004	PA	Pottstown	Owen J. Roberts Middle	7:00 PM	12 weeks	04-04	610-287-4605
2/ 2/2004	PA	Prospect Park	Interboro High School	7:00 PM	10 weeks	04-08	610-534-0123
1/28/2004	PA	Warminster	Warminster WREC	7:30 PM	13 weeks	02-04	215-355-5413
1/20/2004	PA	Willow Grove	Upper Moreland High	7:30 PM	10 weeks	02-06	215-443-8347
1/26/2004	PA	York	York Technical Institute	7:00 PM	12 weeks	14-02	717-755-6990

Global Positioning System

Date	State	City	Location	Time	Duration	Flotilla	Phone
3/20/2004	NJ	Ocean City	Stainton Senior Center	9:00 AM	1 day	08-01	609-399-4299

Let's Go Sailing

Date	State	City	Location	Time	Duration	Flotilla	Phone
3/15/2004	NJ	Mt. Laurel	Hartford School	7:00 PM	10 lessons	13-05	856-983-4171
3/ 4/2004	PA	Lansdale	North Penn High School	7:00 PM	8 weeks	10-06	610-222-0209
1/29/2004	PA	Philadelphia	USCG Base	6:30 PM	14 weeks	02-76	610-642-2442
4/ 7/2004	PA	Wrightsville	Susquehanna Yacht	7:00 PM	8 weeks	14-02	717-755-6990

State Course

Date	State	City	Location	Time	Duration	Flotilla	Phone
3/ 4/2004	PA	Limerick	Western Center for	7:00 PM	4 weeks	04-04	610-287-4605

Richmond Sail & Power Squadron

(a unit of the United States Power Squadrons)[®]

USPS[®] Boating Course

2/26/2004	VA	City of Richmond and Henrico County	J. R. Tucker	H.S. Cafeteria	7:00 PM	8 lessons	804-741-5561
2/24/2004	VA	Midlothian	Midlothian	H.S. Cafeteria	7:00 PM	8 lessons	804-741-5561
2/25/2004	VA	Colonial Heights	Colonial Heights	H.S.	7:00 PM	8 lessons	804-741-5561
3/4/2004	VA	Mechanicsville	Lee-Davis	H.S. Cafeteria	7:00 PM	8 lessons	804-741-5561

USPS® BOAT SMART COURSE

2/14/2004	VA	Mechanicsville	Adams & Durvin Marine	8:30 AM	1 day	804-741-5561
3/13/2004	VA	Richmond	Cooper's Marine	8:30 AM	1 day	804-741-5561
4/3/2004	VA	Chesterfield County	Sea Ray of Richmond	8:30 AM	1 day	804-741-5561